

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original and a duplicate for fee processing)*
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages 73]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications (if applicable)
  - Statement Regarding Fed sponsored R & D (if applicable)
  - Reference to sequence listing, a table, or a computer program listing appendix (if applicable)
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113) (Figs. 1A-23B) [Total Sheets 21]
5. Oath or Declaration [Total Pages 4]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63(d))  
*(for continuation/divisional with Box 18 completed)*
    - i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6.  Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation     Divisional    of prior application No.: 09/440,633 filed November 19, 1999

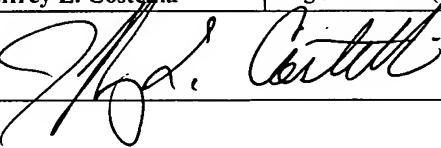
Prior application information:

Examiner Remmon R. Forde

Group / Art Unit: 2826

**For CONTINUATION OR DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

|   |   |                                   |                |                             |   |
|---|---|-----------------------------------|----------------|-----------------------------|---|
| <input checked="" type="checkbox"/> Customer Number or Bar Code Label |   | 22204                             |                | <input type="checkbox"/> or | <input type="checkbox"/> Correspondence address below |
| Name  | Jeffrey L. Costellia  |                                   |                |                             |   |
| Address   | Nixon Peabody LLP<br>8180 Greensboro Road Suite #800                                |                                   |                |                             |   |
| City  | McLean  | State                             | Virginia       | Zip Code                    | 22102   |
| Country   |   | Telephone                         | (703) 790-9110 | Fax                         | (703) 883-0370  |
| Name (Print/Type)   | Jeffrey L. Costellia  | Registration No. (Attorney/Agent) |                |                             | #35,483   |
| Signature   |  |                                   |                | Date                        | 2/22/02   |

# FEE TRANSMITTAL FOR FY 2001

Patent fees are subject to annual revision.

**TOTAL AMOUNT OF PAYMENT** **(\$)** **1088.00**

|                      |                        |
|----------------------|------------------------|
| Complete if Known    |                        |
| Application Number   | Not Yet Assigned       |
| Filing Date          | February 21, 2002      |
| First Named Inventor | Shunpei YAMAZAKI et al |
| Examiner Name        | Remmon R. Forde        |
| Group Art Unit       | 2826                   |
| Attorney Docket No.  | 740756-2441            |

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit  
Account  
Number

**19-2380 (740756-2441)**

Deposit  
Account  
Name

**Nixon Peabody LLP**

Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17

Applicant claims small entity status.  
See 37 CFR 1.27

2.  Payment Enclosed:

Check  Credit Card  Money  
Order  Other

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity<br>Fee<br>Code | Small Entity<br>Fee<br>Code | Fee Description               | Fee Paid                  |
|-----------------------------|-----------------------------|-------------------------------|---------------------------|
| 101                         | 740                         | 201 370 Utility filing fee    | <b>740.00</b>             |
| 106                         | 330                         | 206 165 Design filing fee     |                           |
| 107                         | 510                         | 207 255 Plant filing fee      |                           |
| 108                         | 740                         | 208 370 Reissue filing fee    |                           |
| 114                         | 160                         | 214 80 Provisional filing fee |                           |
| <b>SUBTOTAL (1)</b>         |                             |                               | <b>(\$)</b> <b>740.00</b> |

### 2. EXTRA CLAIM FEES

|                       | Extra Claims | Fee from<br>below  | Fee Paid |
|-----------------------|--------------|--------------------|----------|
| Total Claims          | 30           | -20** = 10 X 18.00 | = 180.00 |
| Independent<br>Claims | 5            | -3** = 2 X 84.00   | = 168.00 |
| Multiple Dependent    |              |                    |          |

| Large Entity<br>Fee<br>Code | Small Entity<br>Fee<br>Code | Fee Description  | (\$)                      |
|-----------------------------|-----------------------------|--|---------------------------|
| 103                         | 18                          | 203 9 Claims in excess of 20                                     |                           |
| 102                         | 84                          | 202 42 Independent claims in excess of 3                         |                           |
| 104                         | 280                         | 204 140 Multiple dependent claim, if not paid                    |                           |
| 109                         | 84                          | 209 42 ** Reissue independent claims over original patent        |                           |
| 110                         | 18                          | 210 9 ** Reissue claims in excess of 20 and over original patent |                           |
| <b>SUBTOTAL (2)</b>         |                             |  | <b>(\$)</b> <b>348.00</b> |

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Large<br>Entity<br>Fee<br>Code | Small<br>Entity<br>Fee<br>Code | Fee Description   | Fee Paid |
|--------------------------------|--------------------------------|---|----------|
| 105                            | 130                            | 205 65 SurchARGE - late filing fee or oath  |          |
| 127                            | 50                             | 227 25 SurchARGE - late provisional filing fee or cover sheet                     |          |
| 139                            | 130                            | 139 130 Non-English transaction   |          |
| 147                            | 2,520                          | 147 2,520 For filing a request for <i>ex parte</i> reexamination                  |          |
| 112                            | 920*                           | 112 920* Requesting publication of SIR prior to Examiner action                   |          |
| 113                            | 1,840*                         | 113 1,840* Requesting publication of SIR after Examiner action                    |          |
| 115                            | 110                            | 215 55 Extension for reply within first month                                     |          |
| 116                            | 400                            | 200 200 Extension for reply within second month                                   |          |
| 117                            | 920                            | 460 460 Extension for reply within third month                                    |          |
| 118                            | 1,440                          | 720 720 Extension for reply within fourth month                                   |          |
| 128                            | 1,960                          | 228 980 Extension for reply within fifth month                                    |          |
| 119                            | 320                            | 219 160 Notice of Appeal  |          |
| 120                            | 320                            | 220 160 Filing a brief in support of an appeal                                    |          |
| 121                            | 280                            | 221 140 Request for oral hearing  |          |
| 138                            | 1,510                          | 138 1,510 Petition to institute a public use proceeding                           |          |
| 140                            | 110                            | 240 55 Petition to revive - unavoidable   |          |
| 141                            | 1,280                          | 241 640 Petition to revive - unintentional  |          |
| 142                            | 1,280                          | 242 640 Utility issue fee (or reissue)  |          |
| 143                            | 460                            | 243 230 Design issue fee  |          |
| 144                            | 620                            | 244 310 Plant issue fee   |          |
| 122                            | 130                            | 122 130 Petitions to the Commissioner   |          |
| 123                            | 50                             | 123 50 Processing fee under 37 CR 1.17(q)   |          |
| 126                            | 180                            | 126 180 Submission of Information Disclosure Stmt                                 |          |
| 581                            | 40                             | 581 40 Recording each patent assignment per property (times number of properties) |          |
| 146                            | 740                            | 246 370 Filing a submission after final rejection (37 CFR § 1.129(a))             |          |
| 149                            | 740                            | 249 370 For each additional invention to be examined (37 CFR § 1.29(b))           |          |
| 179                            | 740                            | 279 370 Request for Continued Examination (RCE)                                   |          |
| 169                            | 900                            | 169 900 Request for expedited examination of a design application                 |          |
| Other fee (specify) _____      |                                |   |          |

\* Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)**

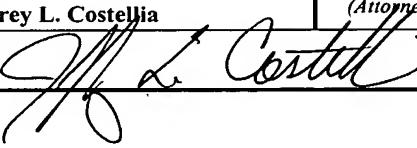
**(\$)**

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on \_\_\_\_\_.

Name: \_\_\_\_\_

Complete (if applicable)

|                   |   |                                      |         |           |                |
|-------------------|---|--------------------------------------|---------|-----------|----------------|
| Name (Print/Type) | Jeffrey L. Costellia  | Registration No.<br>(Attorney/Agent) | #35,483 | Telephone | (703) 790-9110 |
| Signature         |  |                                      |         | Date      | 2/22/02        |